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DOCUMENT-IDENTIFIER: US 5906734 A

TITLE: Passivated porous polymer supports and methods for the preparation and use of same

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US-CL-CURRENT: 210/198.2; 210/502.1 ; 210/635 ; 210/656 ; 502/402

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PARENT-CASE:

This application is a continuation-in-part of application Ser. No. 08/394,014 filed on Feb. 22, 1995, now abandoned, which is a continuation-in-part of application Ser. No. 08/254,625, filed Jun. 6, 1994, now U.S. Pat. No. 5,445,732, which is a continuation of application Ser. No. 07/955,935, filed Oct. 5, 1992, now abandoned, which is a continuation-in-part of application Ser. No. 07/901,326, filed Jun. 19, 1992, now abandoned.

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Detailed Description Text - DETX:

In another embodiment, the polymerization step can take place in the presence of a pore inducer. The pore inducers of the present invention allow polymerization to take place without substantially reducing the porosity of the solid support. Suitable pore inducers, also referred to as porogens, used in the present invention include but are not limited to

polyethylene glycols, polyoxyethylenes, polysaccharides such as dextran, and polar solvents. Polar solvents include those commonly used in chemical synthesis or polymer chemistry and known to those skilled in the art. Suitable polar solvents include alcohols, ketones, tetrahydrofuran, dimethylformamide, and dimethylsulfoxide. Preferred polar solvents are ethanol, methanol, dioxane, and dimethylsulfoxide.